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ABSTRACT

This resource guide contains an annotated bibliography of available materials for developing curriculum related to black studies. References for materials and human resources are offered in the areas of Home Economics, Language Arts, Dimensions of Language and Sociolinguistics, and Science. Material resources listed in the bibliography are arranged alphabetically according to the media format. Addresses and brief descriptions of the specialties of curriculum consultants both in Dade County and in other locations are included in each subject field outline. (SHM)

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# SUPPLEMENTARY CATALOG OF RESOURCES

# FOR

# INCLUSION OF NEGRO HISTORY AND CULTURE

# IN THE DADE COUNTY CURRICULUM

Preliminary Edition

SO 000 543

Dade County Public Schools
Department of Program Planning
and Development
August, 1969

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## Supplementary Catalog of Resources for Inclusion of Negro History and Culture in the Dade County Curriculum

Preliminary Edition

The following supplementary catalog contains an annotated bibliography of availabe materials for developing curriculum related to the Negro. References for material and human resources are offered in the areas of Home Economics, Language Arts, Dimensions of Language and Socialinguistics and Science. Forthcoming from these disciplines and others not represented in this edition will be a more extensive curriculum bulletin on Negro History and Culture, with related teaching strategies and student activities. It is anticipated that teachers will be working with subject area consultants in developing these materials prior to the opening of the second semester (1970).

Teachers, librarians and other curriculum personnel are also referred to the many fine sources concerning this vital area, which have been developed both within and outside of Dade County. Among them are the Learning Activities Packages for the Inclusion of Negro History and Culture in the Curriculum, prepared by teachers during summer workshops in Social Studies. These will be distributed to elementary teachers.

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"... Few will fail to see that Negro history may help eradicate prejudice by informing whites of the achievements, problems, and essential humanity of Negroes, thus, laying the basis for sounder understanding."

Leedell W. Neyland
Dean, School of Education
Florida A & M University

# I. HOME ECONOMICS

## A. Material Resources

### 1. Books

Kaiser, Inez Y., Soul Food Cookery, Kansas City, Missouri, Inez Kaiser and Associates, 1968.

Ploski, Harry A., and Roscoe C.Brown, Jr., The Negro Almanac, New York, Bellwether Publishing Co., Inc., 1967.

Reiff, Florence M., Steps in Home Living, Peoria, Ill., Chas. A. Bennett Co., Inc., 1966.

Roth, R.S., Negro Heroes Show the Way, Miami Beach, Fla., Sher Publishing Co., 1967.

Spears, Charlezine W., How to Wear Colors (with Emphasis on Dark Skins), Minneapolis, Minn., Burgess Publishing Co., 1967.

Uggums, Leslie, Beauty Book, New York, Prentice Hall, Inc., 1966.

### 2. Pamphlet

American Home Economics Association, Washington, D.C., Educating the Teen-Ager in Human Relations and Management of Resources, 1968.

### 3. Periodicals

Ebony, Johnson Publishing Co., Inc., Chicago, Ill.

"Famous Foods," Co-ed, January 1969, p. 43.

Fleck, Henrietta, "Education and the Poor," Forecast for Home Economics, January 1969, pp. F-23, F-42, F-44.

"Soul Food Specialties - Traditionally Southern," Forecast for Home Economics, January 1969, pp. F-34, F-35.

Youmans, Rita L., "A Glimpse of the Inner City," Forecast for Home Economics, March 1969, pp. F-24, F-25, F-52, F-54.

B. Human Resources - Services

1. Out-of-system consultants

Extension Home Economics Agent
2690 N.W. 7 Avenue, Miami, Florida 33127
633-8566
Mrs. Victoria M. Simpson

Southern University
Baton Rouge, Louisiana
Dr. Leonard Spearman, Dean, Junior Division

State of Florida, Department of Education
Tallahassee, Florida
(904) 599-5727
Miss Francies Thomas, Specialist, Home Economics

Vogue Beauty Fair
233 N.W. 9 Street, Miami, Florida
379-6610
Mrs. Opa King

2, In-system consultants

Adult Vocational Home Economics
Mrs. Maude K. Reid, Supervisor
1410 N.E. 2 Avenue, Miami, Florida 33132
350-3231

## II. LANGUAGE ARTS

(Note: 500 copies of We Build Together, paperback bibliography published by NCTE (see full reference below) have been purchased for distribution to Language Arts Teachers.)

### A. Material Resources, General, Teacher References

#### 1. Books

The Associated Publishers, Inc. (Provides, in addition to books, other materials on the study of Negro history for elementary, high school, and adult use. These materials include study kits and sets of pictures of distinguished Negroes.)

Address: 1538 9th Street, N.W.
Washington, D.C. 20001

Corbin, Richard, ed., Language Programs for the Disadvantaged, Champaign, Illinois, N.C.T.E., 1965.

Language programs for the disadvantaged; the report of the N.C.T.E. Task Force on Teaching English to the Disadvantaged. Richard Corbin and Muriel Crosby, co-chairmen.

Council of Interracial Books for Children, Inc. (Publishes a quarterly newsletter and encourages the writing production and effective distribution of books to fill the needs of nonwhite and urban poor children.)

Address: 9 East 40th Street
New York, New York 10016

Everits, Eldonna, ed., Dimensions of Dialect, Champaign, Illinois, N.C.T.E., 1967.

A collection of articles compiled by Eldonna L. Everits, Assistant Executive Secretary, N.C.T.E., including an introduction on the importance to teachers of dialect differences; a checklist of differentiating marks of social class dialects; a bibliography of books written for bilingual children and for those learning English as a second language.

Frazier, Alexander, ed., New Directions in Elementary English, Champaign, Illinois, N.C.T.E., 1967.

Papers collected from the 1966 spring institutes on the elementary language arts of the National Council of Teachers of English. Edited by Alexander Frazier. Includes bibliographical references.

Jewett, Arno, Mersand, Joseph, and Gunderson, Doris. V., Improving English Skills of Culturally Different Youth, U.S. Department of Health, Education, and Welfare, U.S. Government Printing Office, Washington, D.C., 1964.

Excerpts of speeches given at a conference May 31-June 2, 1962 with the major emphasis on successful experiences in the classroom on an individual schoolwide and citywide basis.

Journal of Negro History, published by the Association for the Study of Negro Life and History, Washington, D.C.

Treats definitively history of the Negro. Articles come from scholars largely concerned with the past and the extent to which that past has determined his present status.

Katz, William Loren, Teachers' Guide to American Negro History, Chicago, Illinois, Quadrangle Books, 1968.

A basic handbook for schools and libraries, including bibliographic and audio-visual information, a core reference library, and a complete plan for integrating American history curriculums.

The Negro Bibliographic and Research Center, Inc. (A nonprofit organization which published and annotated bibliography of The Negro in Print, including books and pamphlets, fiction and non-fiction... The bibliography is published every two months by a staff of research editors and authors of juvenile and adult books on Negro history.)

Address: 117 "R" Street, N.E.
Washington, D.C. 20002

Negro Family in the United States, New York, Dryden, 1948.

Rollins, Charlemae, ed., We Build Together, Champaign, Illinois, N.C.T.E., 1967, Third revision.

A reader's guide to Negro life and literature for elementary and high school use.

Trubowitz, Sidney, A Handbook for Teaching in the Ghetto School, Chicago, Illinois, Quadrangle Books, 1968.

A practical and compassionate introduction to the setting and problems of ghetto schools, based upon the experiences of successful teachers.

2. Audio-visual materials

a. Records

Anthology of Negro Poets in The U.S.A. Read by Arna Bontemps. Folkway Records and Service Corporation, New York, New York. (FL 9792)

God's Trombones. Collection of Poems. Read by Bryce Bond. Folkway Records. Music William Martin. (FL 9788)

The Negro Woman. Read by Dorothy Washington. Folkway Records. Biographical Sketches. (FH 5523)

Anthology of Negro Poets. Readings by Langston Hughes, Sterling Brown, Claude McKay, Countee Cullen, Gwendolyn Brooks, Margaret Walker. Folkway Records and Service Corp., New York. (FP 91)

The American Negro Slaves. Folkway Records. (FD 5252)

The Glory of Negro History, by Langston Hughes. Folkway Records. (FC 7752)

The Negro People in America. Heirloom Records. Songs and Ballads. Brookhaven, N.Y.

The Autobiography of Frederick Douglass; Edited by Dr. Philip Form. Folkway Records. (FC 7114)

An Anthology of Negro Poetry for Young People. Read by Arna Bontemps. Folkway Records. (FC 7114)

Negro Folk Music of Africa and America. Notes by Richard Waterman and Harry Curlander. Ethnic Folkways Library. (FE 4500). (2 Records)

Songs of The American Negro Slaves. Folkways F.D. (1 Record)

Panorama of Negro History. Folkways Records. Scholastic Records. 50 W. 44th Street, New York, N.Y.

Great Negro Americans. Alan Sands Productions. 565 Fifth Avenue, New York, N.Y. 10017.

b. Audio Tapes

A series of tapes have been prepared by Dr. W. J. Faulkner designed to acquaint students with Negro History, accomplishments and folklore. (Language Arts, Educational Media Center)

c. Video-tapes (12 tapes and Teachers' Guide)

YES, I AM - A Language Arts Series (ITV)
Junior High School Disadvantaged

This series of twelve video-tapes presents one central theme - the affirmation of the individual. Each tape points the way for a more positive self-affirmation through an improved self-concept.

Tape # 1 We Three.

Concept: Each individual has a triple identity: who I think I am, who others think I am, and who I'd like to be.

Tape # 2 A Family - Who Needs It?

Concept: Family relationships support and enrich the individual.

Tape # 3 Come On In, The Water's Fine!

Concept: Involvement has its own rewards - a piece of the action is a piece of the trophy. The definition of victory must be expanded to include participation.

Tape # 4 Judgment Day

Concept: Individual self-concept is affected by a personal value system which needs to be developed through an exploration of alternatives.

Tape # 5 Way Out?

Concept: The physical problems of teenagers create psychological problems; both can sometimes be handled

by the same problem-solving techniques. The four elements of problem-solving offered in this tape are identifying the problems, examining alternate solutions, selecting the solution, and acting upon the solution.

Tape # 6 Target for Humor

Concept: Even the most serious subjects can be viewed with the necessary objectivity through a healthy sense of humor. This is one way of coping with life.

Tape # 7 That's My Bag

Concept: Each individual has a cultural heritage. The Afro-American child needs to be more aware of his.

Tape # 8 Please Forward

Concept: An individual has more than one address; he lives in the world of achievements as well as in his home. (Feature prominent Negroes.)

Tape # 9 Parable of Protest

Concept: The act of protest is desirable. Two methods of protest are available through which people may bring about change. The first is individual protest; the second is organized, mass protest.

Tape # 10 The Strangler

Concept: Prejudice is a destructive force in the world. Everything it touches, it kills.

Tape # 11 The Human Touch

Concept: Man is not only a rational creature but also an emotional one. Emotions are the forces that motivate him to act and that make him "human."

Tape # 12 Soul Survivor

Concept: Survival does not take place on one level only - the physical - but also on other levels; i.e., spiritual, intellectual, emotional.

B. Material Resources, Poetry

References from "Exploratory Teaching Unit On The Negro Poet's Images of Man," prepared in committee by Secondary School English Teachers of Dade County, Summer, 1969.

1. Books, Poetry

Adoff, A. I Am the Darker Brother. New York: The Macmillan Co., 1968.

Bontemps, Arna, ed. American Negro Poetry. New York: Hill and Wang, No year.

_____. Chariot in the Sky. New York: Rinehart & Winston, 19--.

_____. ed. Golden Slippers: An Anthology. New York: Harper Bros., 1941 (grades 7-9)

_____. and Langston Hughes, ed. The Poetry of the Negro. New York: Doubleday, 1949.

Brooks, Gwendolyn. The Bean Eaters. New York: Harper & Row, 1959.

Cullen, Countee. Medea and Some Poems. New York: Harper & Row, 1935.

_____. On These I Stand. New York: Harper & Bros., 1947.

Cunningham, Virginia. Paul Laurence Dunbar and His Songs. New York: Dodd and Mead, 1947.

Dunbar, Paul Laurence. Little Brown Baby. New York: Dodd, Mead & Co., 1955.

Felton, Harold W. ed. John Henry and His Hammer. New York: Alfred Knopf Company, 1950.

Fortune, Timothy Thomas. Dreams of Life. Miami, Florida: Mnemosyne Publishing Co., Inc., 1969 (Native of Florida)

Giles, L.H. and L.F. Holmes. Color Me Brown. Chicago: Johnson Publishing Co., 1965.

Hayden, Robert Earl. Kaleidoscope. New York: Harcourt, Brace & World, Inc., 1967.

_____. Selected Poems. New York: Harper & Bros., 1956.

Hughes, Langston. The Dream Keeper and Other Poems. New York: A. Knopf Co., 1932.

_____. New Negro Poets in U.S.A. Indiana: University Press, 1968.

An Introduction to Black Literature in America: From 1756 to the Present (part of the International Library of Negro History and Culture) ed. by Lindsay Patterson, New York: Assn. Publishers Co., Inc., 1968.

Johnson, James Weldon. ed. The Book of American Negro Poetry. New York: Harcourt, Brace, 1931.

_____. God's Trombones: Seven Negro Sermons in Verse. New York: Viking Press, 1927.

Laudeck, Beatrice. Echoes of Africa in Folksongs of America. New York: McKay Pub. Co., Inc., 1961.

Rollins, Charlemae. Famous American Negro Poets. New York: Dodd, Mead & Co., 1965.

Something to Sing About: The Personal Choices of America's Folk Singers. New York: The MacMillan Co., 1968 (words and music)

Untermeyer, Louis, ed. A Critical Anthology of Modern American Poetry. New York: Harcourt, Brace, 1956 (Selected poems of Cullen, Dunbar, Johnson, McKay, Toomer & Hughes)

2. Books, Teacher References

A Bibliography of Books and Educational Media Related to Negro Culture. Miami: Dade County BPI, April, 1969 (May be obtained through the Textbook Dept., BPI, 2210 S.W. 3rd St., Miami, 33135)

Grier, W. H. and M. Cobbs Price. Black Rage. New York: Basic Books, Inc., 1968.

Horwitz, Julius. The W.A.S.P. New York: Houghton Mifflin Co., 1968 (Available in paperback, Bantam Books #N3859, $.95)

Kohl, Herbert. 36 Children. New York: Signet, 1967 (#Q3684, $.95).

Kozol, Jonathan. Death at an Early Age. New York: Houghton-Mifflin Co., 1967 (Paperback-Bantam Book #N3876, $.95)

Leonard, George B. Education and Ecstasy. New York: Delacorte Press, 1968.

Mendelsohn, Jack. The Martyrs: 16 Who Gave Their Lives for Social Justice. New York: Harper & Row, 1966.

Teague, Bob. Letters to a Black Boy. New York: Walker & Co., 1968.

3. Periodicals

Barry, Thomas. "Soul Brother No. 1" (condensed from LOOK), Readers Digest, May, 1969, p. 131.

Bennet, L., Jr. "Passion: in a Certain Dark Joy, Excerpts from The Negro Mood," Ebony (24, December, 1963), pp. 42-4.

"Biographical Sketch of Alice Ruth Dunbar (Moore), "Negro History Bulletin 31, June 5, 1968.

Booth, S. "Rebirth of the Blues: Soul," Saturday Evening Post (242, February 8, 1969), pp. 26-31.

"Cultural Outpourings of the Harlem Renaissance," Life, December 6, 1968.

Dave, Adrian. "The Heart of 'Soul'" (condensed from New York Times Magazine). Readers Digest, April, 1969, p. 237.

_____. "Soul Story," The New York Times Magazine, December 8, 1968, p. 82+.

Dunbar, Alice Ruth (Moore). "Sonnet to April," Negro History Bulletin 31, April 1, 1968.

"From the Past, the Eloquence of Black Voices," Life (65, December, 13, 1968), p. 90b+d.

Garland, P. "Gwendolyn Brooks: Poet Laureate," Ebony (23, June, 1968), pp. 48-50.

Hunter, K. "Soul Brothers: Background of a Juvenile" (address) Publishers Weekly (193, May 27, 1968), pp.30-1

Larrick, N. "Life Ain't Been No Crystal Stair" (address) Library Journal (94, February 15, 1969) pp. 843-5

"Let's Set Black History Straight," An interview with William L. Katz. Readers Digest, July, 1969, p. 59.

Llorens, D. "Black Don Lee" (writer in residence at Cornell Univ.) Ebony (24, March, 1969), pp. 72-8.

McLaughlin, Frank. "Let It Sting a Little" (review of The W.A.S.P.) Educators Guide to Media & Methods, October, 1968, pp. 20-21.

Nance, E.R. "New York Arts Renaissance: 1924-1926," Negro History Bulletin 31, April, 1968, pp. 15-19.

Opportunity: 1923-49, published in New York, part of Schomberg Collection on microfilm, available in sr. high school libraries.

Voice of the Negro: 1904-07, published in Atlanta, Ga. Same as above.

4. Audio-visual materials

a. Films

BOUNDARY LINES (color, 10 min.) is distributed by the International Film Foundation, 475 Fifth Avenue, N.Y. 10017.

W.C.HANDY (color, 14 min.) shows the life of the "father of the Blues" from childhood to his final years of blindness. This story of the musician's struggles, triumphs, and defeats is beautifully told. It is distributed by Bailey Films, 6509 DeLongpre Ave., Hollywood, Calif. 90028.

NEIGHBORS (color, 9 min.) is distributed by the International Film Bureau, 332 S. Michigan Avenue, Chicago, Ill. 60604.

NOTHING BUT A MAN (b/w, 47 min.) is distributed by Carousel Films, 1501 Broadway, New York 10036. Senior high school only.

The following are available from DCBPI:

| | | |
|---|---|---|
| Americans All (Pt.1) | Catalogue # | 1-1-142 16' |
| Brotherhood of Man | " | 1-00317 10' |
| The Negro American | " | 1-13235 15' |
| Where Is Prejudice?(Pt.1) | " | 1-31614 30' |
| Where Is Prejudice?(Pt.2) | " | 1-31619 30' |

See Instructional Materials Catalogue 1-N and Supplement, February, 1969 for description of content.

b. Filmstrips, Records, Tapes

American Heritage through Music, available from Dr. T. C.Collins, Music Dept., University of Miami. Outline included.

Anthology of Negro Poetry for Young Children, read by Arna Bontemps, DCBPI, 1968 (on tape)

Anthology of Negro Poets in the U.S.A., Vols. I & II, Catalog # EC/SH 671, ($5.95 ea.) ESEA Funds (records)

An Audio-Visual History of Jazz, 2 records, 4 filmstrips, 1 teacher's guide.

Black Treasures: A Guide to the Study of Negro Life and History. Coca-Cola Company and Assn. for Study of Negro History. 2 filmstrips, 2 records, copies of "Golden Legacy" comic-type history magazine.

Negroes in America, 1 record, 1 filmstrip, 1 teacher's guide. The New York Times, 1969.

Songs of the American Negro Slaves, ed. by Mitchell LaRue, DCBPI.

The Story of the Negro American, 1 filmstrip, tape, Eyegate, '69. Scholastic Magazines: "Which Way to Equality?" and "The Roots of Prejudice" available with filmstrips and records from Scholastic Magazines, Inc., 904 Sylvan Ave., Englewood Cliffs, N.J. 07632 (excellent -- junior high school level).

# III. DIMENSIONS OF LANGUAGE AND SOCIOLINGUISTICS

## Rationale

Perhaps no one aspect of man's culture has affected his total life-love, family, peace, war - to such an extent as has language an all its perspectives. In learning a second system of expressing oneself, whether it be the so - called standard English, another dialect,or the well-known "foreign language" to the American, the same learning skills should be involved and the same complete open-mindedness regarding the surrounding cultural dimensions must be mantained. Is there a standard language? This question has long been debated in educational and linguistic circles. The purpose of this bibliography is to point out different dialect patterns, speech and language needs of various sections of these United States. As educators become aware of differences in various sub-cultures of the students with whom they work, they can better empathize with and attend to their needs.

This is a limited bibliography. Additional sources and sample curriculum units are forthcoming. It is hoped that teachers and librarians will seek further information within their own libraries for developing student activities on linguistic and cultural diversity.

A. Material Resources

(Call numbers and vertical file notation indicate sources available in Teacher's Professional Library).

1. Annotated bibliography - books, journals and newsletters

Baltimore Bulletin of Education. Angela M. Broening, Ed. Vol. XLIII, Nos. 2-4, 1966-67 Bureau of Publications, 3 East 25th Street, Baltimore, Maryland 21218.

Lectures and discussions of a workshop held in Baltimore Public Schools for the purpose of exploring linguistic approaches to the study of the American English Language. Included are outstanding articles on Language, Linguistics, Dialectology and Usage, and Nonstandard Speech Patterns. (FL office).

Benedict, Ruth F. Patterns of Culture. Preface by Margaret Mead. Boston: Houghton Mifflin, 1961.

The individual and his culture - a study of the Zuñi (New Mexico), Dobu (Melanesia) and Kwakiutl (Vancouver Island) civilizations. How value, customs and traditions influence behavior. (572 Ben).

Bloomfield, Leonard. Language. New York: Henry Holt and Company, 1933.

This classical study on the working of language contains a chapter on dialect geography. (400 Blo).

Boas, Franz. "Mythology and Folklore." In F.Boas, General Anthropology. New York: Heath, 1938. Pp. 609-626.

Brown, Ina Corinne. Understanding Other Cultures, Englewood Cliff: Prentice Hall, Inc., 1963.

Dr. Brown examines the many different ways various societies approach and solve the problems common to all human beings: food, clothing, shelter, family, sex, art, religion and values. (301.2 Bro).

Brooks, Nelson H. Language and Language Learning: Theory and Practice. 2nd. Ed., New York: Harcourt, Brace & World, 1964.

The purpose of this book is to present a close examination of what language is, how it works and how it is learned. Both the theoretical and practical aspects of language learning are reviewed from the point of view of the teacher and the student. Contains a valuable "How To..." section, Appendix A,Glossary of Terms, and Appendix B. (407 Bro).

Buchanan, Cynthia. A Programed Introduction to Linguistics: Phonetics and Phonemics. Boston: D.C. Heath and Company, 1963.

A clear explanation of ideolects, dialects and language in programed learning form. (410.76 Sul - FL office).

Capell, Arthur. Studies in Socio-linguistics. The Hague: Mouton, 1966.

A general discussion on language relation to widening social groups, as well as some of the educational problems of "national" languages in multilingual nations. (410 Cap.).

Dillard, J.L. "Negro Children's Dialect in the Inner City." The Florida FL Reporter, Vol. 5 No. 3, Fall, 1967.

_____. "Non-standard Negro Dialects - Convergence or Divergence?" The Florida FL Reporter, Vol. 6 No. 2, Fall, 1968. (Vertical File).

Dimensions of Dialect. Eldonna L. Everits, ed. National Council of Teachers of English, Champaign, Ill: 1967.

Language development across a variety of regional dialects helpful for the elementary and English teacher who work with speakers of different dialects. (Vertical File).

Donoghue, Mildred. Foreign Languages and the Elementary School Child. Dubuque: William C. Brown Company, 1968.

Contains an excellent survey of the history and related background of foreign language teaching in American schools. (FL office).

Drake St. Clair. "Negro Americans and the Africa Interest," The American Negro Reference Book, John P. Davis, Ed. Englewood Cliffs: Prentice Hall, 1969, pp. 662 - 705.

Highlights the development and scholarly activities concerning Negro Americans and Africa. Contains Appendix on Negro Americans who serve in the Foreign Service and other government agencies inAAfrica.

Etc. A Review of General Semantics. Selections from Etc. Ed. S.I. Hayakawa. New York: Harper, 1959. (412 Etc.)

Ferguson, Charles. "Teaching Standard Languages to Dialect Speakers," Social Dialects and Language Learning, NCTE, Champaign, Illinois, 1964, pp. 112-117.

The author gives examples of language choice and language planning - problems of which language to use as a medium of instruction in Tanganyika, Spain, Iran, Greece, Sierra Leone and finally the United States. (FL office).

Fishman Joshua, A. et al. Language Loyalty in the United States: The Maintenance and Perpetuation of Non-English Mother Tongues by American Ethnic and Religious Groups. The Hague: Mouton and Co., 1966.

What has happened to the culture and language of the non-English speaking immigrant to America? This study is an extensive resource of language maintenance in the U.S.

The Florida FL Reporter. Alfred C. Aarons, ed. 801 N.E, 177th Street, North Miami Beach, Florida 33162. Special Anthology issue: Language and Cultural Differences, Vol. 7, No. 1, (Spring-Summer 1969) - October 1969 release. ($2.50 year Library/FL Depts., $3.00 year). Original articles and carefully selected reprints on, among other language topics, American Indian, Puerto Rican and Negro dialects and speech. (See also previous issues for excellent bibliographies, articles, materials and other resources).

Folsom, Franklin. The Language Book. New York: Grosset & Dunlap, 1963.

Students can learn about sign language, gestures, language families and many other aspects of language from this well-illustrated, interesting book. Also contains suggestions for further reading which would appeal to children. (400 Fol).

Foreign Languages in Primary Education. H. H.Stern, ed. Hamburg: UNESCO Institute for Education, 1962.

An insight into how different countries reflect different values in their foreign language curricula for primary school children. Includes topics for research. (FL office).

Francis, Winthrop Nelson. The Structure of American English. New York: Ronald Press Co., 1958.

Contains chapter on American English Dialects by Raven McDavid, who describes general dialect areas in U.S.,

and their particular pronunciation patterns and vocabulary. The author also discusses the influence of foreign language settlements, and class dialects. (425 Fra).

Green, Gerald R. A Gesture Inventory for the Teaching of Spanish. Philadelphia: Chilton Books, Educational Division, 1968.

Clever pictures and explanations of gestures used by people who speak Spanish. A well-documented study. (FL office).

Greenberg, Joseph H. Essays in Linguistics, Chicago: University of Chicago Press, 1957.

A series of essays on categories of language description, historical linguistics and the relation between language and culture. (404 Gre).

Hall, Edward T. The Silent Language, Greenwich: Fawcett Publications, Inc., 1961.

An introduction to the non-verbal language which exists in every country in the world and among the various sub-groups in each country. (301.243 Hal).

Hall, Robert Anderson. Ithaca, N.Y., Linguistica, 1950. New York: Linguistics and Your Language. Doubleday, 1950.

The science of language - a scientific yet "tolerant" viewpoint. (400 Hal).

Hanners, Ulf and William A.Stewart. Life and Talk in a Black Community, Washington, D.C.: Center for Applied Linguistics, Forthcoming 1969.

Harris, Joel Chandler. The Favorite Uncle Remus, Sel. and Ed. by George Van Santvoora and Archibald C.Coolidge. Cambridge: The Riverside Press, Houghton Mifflin Co., 1948.

One of the most accurate, classical forms of transcription of Negro dialect in American literature. (398 H).

Harvard Educational Review. Volume XXXIV, No. 2, Language and Learning. A Special Issue, Cambridge, Massachusetts: Spring, 1964.

Contains excellent articles on language and child acquisition of language. (FL office, 408 Har).

Hockett, Charles Francis. A Course In Modern Linguistics. New York: Macmillan, 1958.

Contains basic information on the differences in idiolects, dialects and language, as well as the rationale behind dialect geographies. (400 Hoc).

Indian Tales of North America. Coffin, Tristam P. Ed. (Bibliographical and Special Series, No.13) Philadelphia: American Folklore Society, 1961.

Kurath, Hans and Raven I. McDavid, Jr. The Pronunciation of English in the Atlantic States. Ann Arbor: University of Michigan Press, 1961. (R 427.973 Kur).

Labov, William. "Hypercorrection by the Lower Middle Class As A Factor In Linguistic Change," Sociolinguistics, William Bright, ed., The Hague: Mouton and Co., 1966, pp. 84-113.

Part of Labov's famous study on Social stratification in New York City speech. (FL office).

Lado, Robert. Language Teaching, A Scientific Approach. New York: McGraw-Hill, 1964.

In addition to sound language-learning and teaching practices, the author talks about culture and "cultural cliches." (407 Lad).

_____. Linguistics Across Cultures. Ann Arbor: U. of Michigan Press, 1957. (407 Lad).

Lambert, Wallace E. "Psychological Approaches to Second-Language Learning and Bilingualism," Curricular Change in the Foreign Languages, 1963 Colloquium on Curricular Change. College Entrance Examination Board, Box 592, Princeton, N.J., 08540. $2.00 pp. 23-31.

The process of second-language learning viewed through social-psychological perspectives. Studies of bilingualism and biculturalism. (FL office).

Language in Culture and Society, A Reader in Linguistics and Anthropology. Dell H. Hymes, ed. New York: Harper and Row, 1964.

This volume contains essays on race, language and culture; multilingualism and boundaries of speech communities; with extensive bibliographies in these areas. (R 401 Hym).

Language Learning, A Journal of Applied Linguistics. English Language Institute, University of Michigan, Ann Arbor, Michigan. Four issues a year, $2.00.

Always contains relevant research on language situations in the U.S. and abroad. The classroom teacher can frequently find useful ideas and information in the wide variety of language problems and solutions presented here. (FL office).

Lenneberg, Eric H. New Directions into the Study of Language, Cambridge: The M.I.T. Press, 1964.

A cross-section of language research at mid-century which highlights both new and unresolved problems deriving from the nature and origin of language. (158.8 Len).

Lewis, Morris M. How Children Learn to Speak, New York: Basic Books Inc., 1959.

Traces the pattern of development of speech from the moment of the child's entry into the world. (136.7 Lew).

Linguistic Reporter. Newsletter of the Center for Applied Linguistics, 1775 Massachusetts Ave., N.W. Washington, D.C. 20036. ($1.50 year).

A current and constant source for bibliographies, projects and research on language and applied linguistics throughout the world. (FL office).

Malmstrom, Jean. "Dialects," The Florida FL Reporter, Vol. 5, No. 1, (Winter 1966-67).

An introduction to the dialect spectrum. This article will be updated in the Special Anthology Issue of the Florida FL Reporter (see reference) to include references to Appalachian, White non-standard and Negro dialects.

_____ and Annabel Ashley. Dialects - U.S.A. National Council of Teachers of English, 508 South Sixth Street, Champaign, Illinois, 1963.

An interesting and practical treatment of regional variety in American English. Dialect differences, forces underlying dialect distribution in the U.S.A., and main dialect areas of the U.S.A. are some of the principal themes in this book. For all teachers and secondary school pupils. (FL office).

Malmstrom, Jean. Language in Society. New York: Hayden Book Co., 1965.

A factual, helpful approach to how language works. The author describes language phenomena from creole and pidgin languages to spoken and written English and to language differences in translations. A resource list is found at the beginning of the book (pp. VIII-IX), suggesting items such as the Webster's Seventh New Collegiate Dictionary other useful dictionaries and atlases, and a number of folk recordings. (420.81 Mal).

Nostrand, Howard Lee. "A Second Culture: New Imperative for American Education," Curricular Change in the Foreign Languages, 1963 Colloquium on Curricular Change. College Entrance Examination Board, Box 592, Princeton, N.J., 08540. $2.00. pp. 32-45.

Cross-cultural perspectives in the curriculum: what second culture to study? What does the learner need to experience toward understanding another culture? (FL office).

On the Dialects of Children. A. L. Davis, ed. A Publication of the Commission on the English Language of the National Council of Teachers of English, Champaign, Illinois: 1968.

Describes some of the current research in urban dialects and its application in the classroom. (Vertical File).

Reed, Carroll E. Dialects of American English. Cleveland: World Pub. Co., 1967.

A brief history of dialects in the United States, with related maps of speech areas. (427.973 Ree).

Reineckes, John E. "Trade Jargons and Creole Dialects As Marginal Languages." Language In Culture and Society. A Reader in Linguistics and Anthropology. Dell Hymes, Ed. New York: Harper and Row, Publishers, 1964.

Creolized and pidgin languages. (FL office; R 40; Hym).

Ruesch, Jurgen. Nonverbal Communication, Berkely: University of California Press, 1956.

An investigation of the nonverbal ways in which people communicate with each other. Illustrated with still photographs and supplemented by an extensive bibliography. (419 Rue).

Sableski, J.A. "A Selective Annotated Bibliography on Child Language." Linguistic Reporter Vol. 7 No. 2, April, 1965, Newsletter of the Center for Applied Linguistics of the Modern Language Association of America, 1755 Massachusetts Ave., N.W., Washington, 36, D.C. (FL office).

Sapir, Edward. Language, An Introduction to the Study of Speech. New York: Harcourt, Brace and Company, 1921.

Language drift and how languages influence each other through cultural contact are some of the topics considered in this classical essay. (410 Sap).

Shuy, Roger W. Discovering American Dialects. Sponsored by NCTE Commission on the English Language NCTE, Champaign, Illinois: 1967.

The author provides information about regional and social distributions of pronunciations, words, and grammatical forms. Includes suggested language-dialect projects for teachers and high school students. (Vertical File).

Sounds of Spanish. Curriculum Bulletin No. 2-E, Dade County Public Schools: First Edition, 1966. Second Edition, 1968.

A programed guide for teachers which describes several phonetics and phonemic elements of Spanish and English. Also contains annotated bibliography of language and linguistic references, practical sources for the language teacher and opportunities for work and study in other countries.
Consult ITV program schedules for broadcast times of accompanying in-service telelessons. (Available in Textbook Dept.).

Sledd, James, and Wilma R.Ebbitt.. Dictionaries and That Dictionary. Chicago: Scott, Foresman, 1962.

Sociological Inquiry. Journal of the National Sociology Honor Society. Herman Turk, Ed. Vol. 36, No. 2, University of Nebraska: (Spring, 1966).

Explorations of language across social change, status, attitudes and mobility. This issue offers important contributions and insight into relations between language and society. (FL office).

Steward, William A. "Continuity and Change in American Negro Dialects," The Florida FL Reporter, Vol. 6 No. 1 (Spring, 1968).

An overview of the language changes in American Negro dialects in the last century, implications of further dialect study for the classroom. (Vertical File)

_____. "Sociolinguistic Factors in the History of American Negro Dialects." The Florida FL Reporter, Vol. 5, No. 2. (Spring, 1967).

A brief linguistic history of the Negro in the United States up to the Emancipation as a background toward a better understanding of Negro dialects. (Vertical File).

The Study of the Problems of Teaching English to American Indians. Report and Recommendations, prep. and ed. by Sirarpi Ohannessian, Washington, D.C.: Center for Applied Linguistics, 1968.

Study of the Role of Second Languages in Asia, Africa and Latin America. Frank A.Rice, Ed.Center for Applied Linguistics of the Modern Language Association of America, Washington, D.C., 1962.

A study designed to investigate the nature and extent of the problem of second language learning as a factor in language development in countries of Asia, Africa and Latin America. Contains informative articles on language problems, language situations, language standardization, lingua francas and Creole languages in the Caribbean. (FL office).

Sweet, Waldo E. How Languages Work. A reprint of the opening pages of the experimental materials in the teaching of Latin prepared at the University of Michigan Latin Workshop: 1953.

The author compares words, sounds and how structures "fit together" in different languages. Examples and exercises for the reader are given in Japanese, English, Aztec, French, and Chinese. The aim of this booklet is "Be on the alert for new sets of meanings... LANGUAGES ARE DIFFERENT!" (FL office).

TESOL Newsletter. A Professional Association for those concerned with the Teaching of English as a Second or Foreign Language. Alfred C. Aarons, ed. 801 N.E. 177th St., North Miami Beach, Florida, 33162. (Newsletter available through membership only).

A fine source of bibliographies, materials, articles and information for the teacher of English as a second or foreign language.

Weinreich, Uriel. Languages in Contact. New York: Linguistic Circle of New York, 1953.

The author discusses the subjects of bilingualism and interference among other elements of languages in contact.

Wentworth, Harold and Stuart Berg Flexner. (Comps. and Eds.) Dictionary of American Slang. New York: Crowell, 1960.

Whorf, Benjamin Lee. Language, Thought and Reality; Selected Writings. Ed. and with an introduction by John Carroll. Cambridge: Cambridge Technology Press of Massachusetts Institute of Technology.

The Whorfian theories and hypothesis of languages, as well as his studies of Hopi behavior as evidenced through language. (404 Who).

Wolfram, Walter A. A Sociolinguistic Description of Detroit Negro Speech, Washington, D.C.: Center for Applied Linguistics, Forthcoming 1969.

2. Audio-visual materials

a. Films

Language...The Social Arbiter. Series designed to help language arts and English teachers understand the language problems of students who do not speak standard English. Stuart Finley, Inc., 3428 Mansfield Rd., Falls Church, Va., 22041.

1) "The Nature of Language." (A linguistic description of language can serve as useful basis for more effective teaching).

2) "Language Problems in the Schools."

3) "Linguistics and Education." (Most laymen and some educators hold certain views about language which limit their effectiveness.)

4) "Regional Variations."

5) "Social Variations."

6) "English Teaching Tomorrow." (Teachers can learn to exploit the tremendous psychological uplift implicit in the idea of acceptance of a child's speech.)

7) "Language and Integration."

Principles and methods of Teaching a Second Language

1) "The Nature of Language and How It Is Learned."

2) "The Sounds of Language."

3) "The Organization of Language."

4) "Words and Their Meanings."

5) "Modern Techniques in Languages Teaching."

Sponsored and produced by The Modern Language Ass. of America and The Center for Applied Linguistics. Available from AV Center of Dade County Schools.

b. Television Programs

English-Fact and Fancy. With James Bostain, linguist at Foreign Service Institute. This series is designed to create an understanding of the English language as a Social and Behavioral phenomenon rather than as an abstract, impersonal system devised for the "expression of thought."

1) Scientists and Advocates.

2) Language as a Behavioral Phenomenon.

3) Structure and Content.

4) Talling and Writing (1).

5) Talling and Writing (2).

6) "Correctness" in Language.

7) What Are the English Language? (Considers English as comprised of a writing system, as a variety of dialects, and as a variety of fantasies about the way English users might speak and write).

Available at Field Services, Nat'l Center for School and College Television, Box A, Bloomington, Ind., 47401.

I Need Words. An overview of differences in language, even among speakers of the same language. This program offers a rationale and methodogy of teaching foreign language to young children, including the use of gestures. (Available Dade County ITV Dept.)

The Living Language. Series devoted to a study of how language affects people and how people affect language. U. of Michigan Television Center.

1) "One World: Many Tongues."

2) "Not By Words Alone." (To know a language you must know culture and society).

4) "It Loses in Translation." (The two limitations in going from one language to another - culture and language are explored).

5) "I Talk American." (Evolution of British English into American English).

13) "Watch Your Language." (Words have suggested as well as specific meanings, and sometimes their meaning changes).

14) "Language and Nationalism."

15) "The Linguists." (Linguists study spoken language as social behavior).

c. Recordings

A Word In Your Ear. Record Album, The Ways of Mankind. Series I, presented by the National Association of Educational Broadcasters, 119 Gregory Hall, Urbana, Illinois, 61803. (Also available in A-V Dept. and FL office).

A humorous, witty and informative presentation of how language reflects people. For teachers and junior and senior high school students.

3. Careers in Foreign Language

Davis, John P. (ed.). The American Negro Reference Book. Englewood Cliffs, N.J., Prentice-Hall, Inc., 1969, Chapter 16. "Negro Americans and the Africa Interest." (Specifics on Negro Americans in gov't affiliated service in Africa). Available in Social Studies office.

Foreign Languages and Your Career. U.S. Dept. of Labor. Bureau of Labor Statistics, U.S. Dept. of Health Education, and Welfare. (A pamphlet available from U.S. gov't Printing Office. With specifics on how to purchase bulletins relative to all types of jobs).

Hardesty, Richard T. (ed) Translating Foreign Language Into Careers. Indiana Language Program, Indiana University, Bloomington, 1964.

The Occupational Outlook Handbook. $5.00 (Available from Supt. of Documents, Regional Office of Bureau of Labor Statistics, 1371 Peachtree St., N.E., Atlanta, Ga., 30309).

Human Resources - Services

1. Out-of-system consultants: Language and Culture, Linguistics and Dialects

Charlotte Brooks, Supervising Director of English, District of Columbia Public Schools. (English Language, Dialects).

Olivia Cabrera. (Cuban writer living in Miami).

Charles Ferguson. Chairman, Dept. of Linguistics, Stanford University. (Sociolinguistics).

Charles Hurst, President, Chicago City College, Crane Campus, Chicago. (Linguistics applied to Negro dialects).

Rene Jordan Rodriguez, Universal Pictures, New York City. (Source for African and Latin-American personnages).

Seymour Liebman, Consultant, Miami-Dade Junior College. (Expert on Judaeo-Hispanic Life, Languages and Culture).

Humberto Lopez Morales, Dept. Head, Rice University. (Afro-Cuban).

Juan J. Remos, University of Miami. (Afro-Cuban).

Sra. Sanchez Boudy, Prof., Bennet College, Greensboro, N.C. (Afro-Caribbean Culture).

William Stewart, Center for Applied Linguistics, (Negro and Negro-urban dialects; creole and pidgin languages).

Jorge Zayas, University of Miami. (Afro-Cuban).

2. In-system consultants:

Alfred C. Aarons, 801 N.E. 177 St., N. Miami Beach, Florida. (Language, linguistics and cultural differences).

Richard Cook, Librarian, Miami Jackson Senior High. (Reading Negro Dialect).

## IV. SCIENCE

A. Material Resources - Elementary

1. Books that can be used in the Kindergarten and Elementary Schools

Goldin, Augusta. Straight Hair, Curly Hair. Crowell, 1966. $3.25 K-3

Lerner, Marguerite Rush. Red Man, White Man, African Chief: The Story of Skin Color. 1-5
Lerner, 1960 $2.75
Manber, D. Wizard of Tuskegee. Macmillan, 1967

Showers, Paul, Look at Your Eyes.
Crowell, 1962 $3.25 k-3

Sterne, Emma Gelders. Blood Brothers: Four Men of Science
Knopf, 1959 $3.00 5-8

_____, Your Skin and Mine,
Crowell, 1965. $3.25 k-3

2. Audio-Visual Materials

a. Filmstrip Gr. 2-6 American Negroes,
George Washington Carver,
Educational Reading Service,
Paramus, New Jersey

b. Transparencies Gr. 5 and up
Negro Hertiage Transparencies
Educational Reading Services
Paramus, New Jersey

B. Material Resources - Secondary

1. Books that can be used in the Secondary Schools.

Adams, Russell. Great Negroes Past and Present.
pp. 49-63. Chicago, Afro-Am Publishing Co., 1964. (Many pictures in this book)

Bontempts, Arna, ed. Negro American Heritage pg. 72-81
San Francisco, Century Communications, 1968

Buckler, Helen. Doctor Dan: Pioneer in American Surgery.
Boston, Little, Brown. 1954.

Clarke, Robin, The Diversity of Man, New York
Roy Publisher, 1964.

Graham, Shirley and George D. Lipscomb. Dr. George Washington Carver Scientist. New York, Julian Messner.

Hardwick, Richard. Charles Richard Drew Pioneer in Blood Research, New York, Charles Scribner's Sons, 1967.

Lichello, Robert. Pionner in Blood Plasma. New York, Julian Messner, 1968

Rollins, Charlesmae Hill. They Showed the Way Forty American Negro Leaders. New York, Thomas Y. Crowell Co.

Springboards, Doctor Dan and On Top of the World, New York, Portal, 1966.
(Also has 20 short questions.)

Springboards, The Tough Little Scientists, New York Portal 1966
(Slow reader for Junior High also has 10 questions.)

Stratton, Madeline. Negroes Who Helped Build America. Boston, Ginn and Company. 1965
(Very Good)

Sterne, Emma G. Blood Brothers: Four Men of Science (Jr. High)
New York, Alfred A. Knopf, 1961

2. Audio-Visual Materials: Filmstrip for Junior High Students

The George Washington Carver Story.
27 color frames. New York, Anti-Defamation League of B'nai B'rith.

3. Books and List of Publications for Further Research

Stewart, Maxwell S. The Negro In America. New York, Public Affairs Committee, 1964. Condensed Version of Gunnar Mydral's An American Dilemma, New York, Harper and Row, 1944.

Borth, Christy, "First and Greatest Chymurgist" Pioneers of Plenty: The Story of Chemurgy, New York, Bobbs, Merrill Co. 1939 (on order)

Wilkins, Lou. George Washington Carver, The World's Greatest Chemical. Fort Worth, Tex. South-Western Theological Seminary 1929 (on order)

Negro Year Book 1947. Alablam, Tuskegee Institute. pgs. 34-45
"The Negro in the Sciences: Bacteriology, Biology, Chemistry, Mathematics, Medicine, Physics.

Publications of Dr. Just, Journal of the National Medical Association, v. 49, no. 5, Sept. 1957, pgs. 350-351.

Publications of Dr. Hinton, Journal of the National Medical Association, v. 49. no. 6, Nov. 1957, pg. 428.

4. Articles

Clarke, Robin, The Diversity of Man. New York, Roy Publications, 1964.

This article has interesting content material in regard to: skin color, hair, facial features, eyes, adaptation, blood, history and disease. Details of content may be found on succeeding pages.

C. Source List

1. Banneker, Benjamin (1731-1806) Mathematical wizard and Inventor
   a. Made first clock wholly made in America
   b. Mathematician and astronomer publish an annual almanac predicting the weather, eclipses of the moon and sun.

2. Barnes, William H.

   Otolaryngologist demonstrated an instrument he had invented to make easier an approach to the pituitary found in operative work. He also devised other surgical instruments.

3. Blair, Joseph

   Plans for rockets

4. Carver, George Washington (1864-1943) Chemurgist

   a. One of the early scientist in the field of chemurgy which includes three major fields of work: (1) finding new uses for plants already under cultivation; (2) finding uses for waste products; (3) developing new kinds of plants for industrial uses.

   b. Made (1) 300 products from the peanut such as plastics, synthetic rubber; (2) 100 products from sweet potatoes; (3) 500 shades of dyes; (4) flour, milk, etc., from the soybean.

5. Drew, Charles R.

   a. Used sodium citrate to preserve blood. One drawback was that it broke down red blood cells from the first week on. It also reduced the bloods phagocytic and opsonic powers and affected the platelets which affected blood clotting. It had to be refrigerated.

   b. He realized that blood plasma had everything in blood except the red blood cells and would keep one month without refrigeration.

   c. The blood plasma could be dried and then refrigerated in 15 minutes before it was to be used.

   d. If the blood plasma were frozen if could be kept indefinately.

6. Fuller, Solomon

   Neuropathology & psychiatry
   Dementias and Alzheimer's disease

7. Hall, Lloyd Augustus (1894- ) Chemist

   Revolutionized the meatpacking industry with his discoveries of curing salts for the preserving and processing of meats

8. Hinton, William Augustus (1883- ) Physician & Educator

   a. Bacteriologist in the area of disease of the blood. As a serologist he originated the Hinton test, one of the most sensitive tests for syphilis, and the serum used to fight the disease.

   b. He was a discoverer of the Davis-Hinton tests of blood and spinal fluid. He wrote Syphilis and Its Treatment (1936) which is a universally used professional reference work.

9. Julian, Percy (1898- ) Chemist

   a. Extracted from soybean an ingredient to relieve inflammatory arthritis.

   b. Conducted research in the field of "wonder drugs: to combat rhematic fever and arthritis.

   c. Before this, Europe had a monopoly on production of sterols extracted from the bile of animals at a cost of several hundreds of dollars a gram

   d. By substituting sterols from the oil of soybean, he reduced the cost of sterols to less than 20 cents a gram, thus making cortisone, a sterol derivative, available to the needy at a reasonable cost.

   e. See page 41-44 in Negroes Who Helped Build America

10. Just, Ernest E. (1883-1941) Biologist

   a. Worked on egg fertilization, artifical parthenogenesis and cell division

   b. Conducted studies of the cell - life and metabolism

   c. Investigator of biological phenomena relating to the structure of the cell

11. Koutz, Samuel L. ( ) Researcher

   "His recent discoveries at Stanford Medical School have brought outstanding results" in the transplantation of human kidneys.

12. Lawless, Thedore K. (1892- ) Dermatologist - Philanthropist

    a. One of the world's leading skin specialists

    b. Made signal contributions in the scientific treatment of syphilis and leprosy

13. Morgan, Garrett A. (1875-1963) Inventor

    a. Inhaltor

    b. Automatic stop-sign

14. Rillieux, Norbert (1806-1894) Slave, Scientist (Chemical engineer)

    a. Was able to transform sugar cane juice into sugar by using an evaporation and the liquid reduction process, where he enclosed the condensation coils in a vacuum chamber and employed the vapor from the first condensing chamber for evaporating the juice in a second chamber under higher vacuum; this process reduced production cost and produced a better quality of sugar.

15. Smith, James McCune (1813-1865) Physician and Abolitionist

    Scientific study of race

16. Williams, Daniel Hale

    a. Performed the first successful heart operation

    b. Ran the first "modern hospital"

17. Woods, Granville T. (1856-1910) Prolific inventor

    a. Incubator (1900)

    b. Automatic air-brakes

    c. Telegraphic device for transmitting messages between moving trains

18. Wright, Louis T.

    a. Devised a blade plate for the operative treatment of fractures above the knee joint and a brace for cervical vertebrate fractures.

    b. He invented an introdermal vaccination against smallpox.

D. Human Resources - Services

1. In-System Consultants

a. Mrs. Brenda Faulker, Cutler Ridge Junior High School, bas spent a considerable amount of time searching the literature and talking with various school personnel about the Negro race in science.

b. Dr. Alex Goldweber, North Miami Junior High School, has been incorporating Negro scientific accomplishments into his regular science teaching for some time.